Applicant: Nestor RODRIGUEZ-AMAYA et al.

Docket No. R.306166 Preliminary Amdt.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

Claims 1-10. (Canceled)

11. (New) In a valve for controlling fluids that are at high pressure, having a valve seat

region, at which a high-pressure region and a low-pressure region can be made to

communicate with one another or can be disconnected from one another, and having a valve

body, at which a seat face is embodied for a conical valve member, the seat face extending in

inclined fashion in the valve body, the improvement wherein the conical valve member

comprises a multiconical geometry in the valve seat region, including at least one first conical

face and one second conical face, and wherein the first conical face has a seat angle difference

from the seat face of the valve body.

12. (New) The valve in accordance with claim 11, wherein the second conical face of the

multiconical geometry has a further seat angle difference that exceeds the seat angle

difference of the first conical face.

13. (New) The valve in accordance with claim 11, wherein the valve needle is the valve

member of an inward-opening valve of an outward-opening valve.

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14. (New) The valve in accordance with claim 12, wherein the sealing edge coincides with

an encompassing edge of the valve needle, and wherein conical face portions extend radially

inward and radially outward from the sealing edge and have different seat angle differences

from the seat face in the valve body.

15. (New) The valve in accordance with claim 11, wherein the valve needle is the valve

member of an inward-opening valve of an outward-opening valve, and wherein the seat angle

difference between the first conical face and the seat face of the valve body is less than 5°.

16. (New) The valve in accordance with claim 11, further comprising a pocketlike recess is

embodied in the seat face of the valve body of the inward-opening valve, or in the seat face of

the outward-opening valve.

17. (New) The valve in accordance with claim 11, wherein the sealing edge coincides with

one of the encompassing edges of the multiconical geometry and is located between the first

conical face and the second conical face.

18. (New) The valve in accordance with claim 17, wherein the seat angle difference at the

first conical face is embodied as extending radially outward.

19. (New) The valve in accordance with claim 11, wherein the sealing edge is embodied as

an edge of a seat face of the valve body.

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20. (New) The valve in accordance with claim 11, wherein the sealing edge is located between the seat face and a chamfer embodied on the valve body, and wherein the chamfer has the seat angle difference from the seat face.